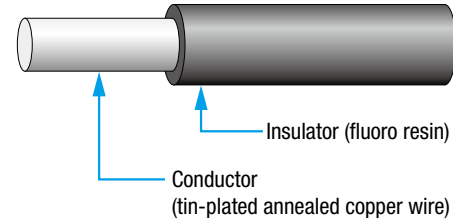


Wire rated for 600 V **UL10584**

Conformity standard **UL 758**

Characteristics

- Rating temperature: 150°C
- Withstand voltage: 2,000 VAC/5 min
- Rating voltage: 600 V
- Min. insulating resistance (at 20°C): 1,000 MΩ·km



UL10584

Conductor			Insulator		Max. conductor resistance (at 200°C) (Ω/km)	Approx. mass (kg/km)	Allowable current (A)
AWG size	Configuration (No./No./mm)	Outer diameter (mm)	Standard thickness (mm)	Finished outer diameter (mm)			
28 (0.09mm ²)	19/0.08	0.4	0.2	0.8	206	1.5	4.1
26 (0.15mm ²)	30/0.08	0.51		0.91	130	2.5	5.4
25 (0.2mm ²)	40/0.08	0.58		0.98	97.8	3	6.5
23 (0.3mm ²)	60/0.08	0.72		1.12	65.2	4	8.5
20 (0.5mm ²)	104/0.08	0.94	0.25	1.44	37.6	6.5	12.6
18 (0.75mm ²)	7/24/0.08	1.25	0.28	1.81	23.4	10	17.8
16 (1.25mm ²)	7/38/0.08	1.71		2.27	15.1	15	24.8
14 (2mm ²)	7/60/0.08	2.15		2.87	9.5	25	34.6

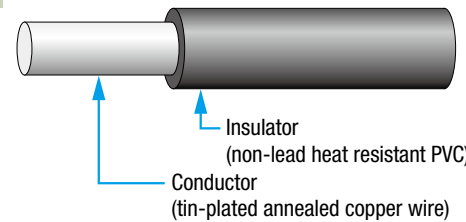
*The allowable current in the table above is of a value at ambient temperature of 40°C for single line wiring in air.

Wire rated for 600 V **UL1283 TEW, UL1284 TEW**

Conformity standard **UL 758**

Characteristics

- Rating temperature: 105°C
- Withstand voltage: 2,000 VAC/5 min (UL1283), 2,500 VAC/5 min (UL1284)
- Rating voltage: 600 V
- Min. insulating resistance (at 20°C): 15 MΩ·km



UL1283 TEW

Conductor			Insulator		Max. conductor resistance (at 200°C) (Ω/km)	Approx. mass (kg/km)	Allowable current (A)
AWG size	Configuration (No./No./mm)	Outer diameter (mm)	Standard thickness (mm)	Finished outer diameter (mm)			
8	7/24/0.26	4.3	1.62	7.54	2.37	124	83
6	7/38/0.26	5.3		8.54	1.49	178	111
4	7/60/0.26	6.8		10.04	0.948	268	150
2	19/35/0.26	8.7		11.94	0.6	397	203

UL1284 TEW

Conductor			Insulator		Max. conductor resistance (at 200°C) (Ω/km)	Approx. mass (kg/km)	Allowable current (A)
AWG size	Configuration (No./No./mm)	Outer diameter (mm)	Standard thickness (mm)	Finished outer diameter (mm)			
1	19/44/0.26	9.74	2.15	14.04	0.475	520	238
1/0	19/55/0.26	10.9		15.2	0.38	632	276
2/0	19/70/0.26	12.27		16.57	0.299	785	322
3/0	19/88/0.26	13.75		18.05	0.238	965	374
4/0	37/57/0.26	15.44		19.74	0.188	1200	436

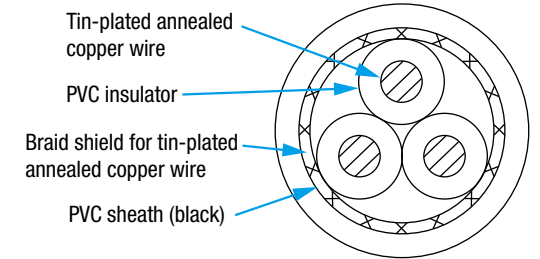
*The allowable current in the table above is of a value at ambient temperature of 40°C for single line wiring in air.

Cable rated for 300 V **UL2464-SB TR-64 LF, UL2464-SB TEW LF**

Conformity standard **UL 758**

Characteristics

- Rating temperature: 80°C
- Withstand voltage: 2,000 VAC/5 min
- Rating voltage: 300 V
- Min. insulating resistance (at 20°C): 40 MΩ·km



UL2464-SB TEW LF

Conductor			Insulator		Max. conductor resistance (at 200°C) (Ω/km)	No. of wire cores	Finished outer diameter (mm)	Approx. mass (kg/km)	Allowable current (A)
AWG size	Configuration (No./No./mm)	Outer diameter (mm)	Standard thickness (mm)	Outer diameter (mm)					
24 (0.2mm ²)	11/0.16	0.61	0.41	1.43	91.6	2	5.3	40	6.3
						3	5.5	45	5.3
						4	5.9	50	4.8
22 (0.3mm ²)	17/0.16	0.76		1.58	59.3	2	5.6	45	8.0
						3	5.9	50	6.9
						4	6.3	60	6.2
20 (0.5mm ²)	26/0.16	0.94		1.76	38.4	2	6.0	55	10.4
						3	6.2	60	8.8
						4	6.7	70	7.9
18 (0.75mm ²)	43/0.16	1.21		2.03	23.8	2	6.5	65	13.7
			3			6.8	75	11.7	
			4			7.3	95	10.5	
16 (1.25mm ²)	26/0.26	1.53	2.35	14.9	2	7.1	80	18.1	
					3	7.5	95	15.5	
					4	8.1	120	14.0	
14 (2mm ²)	41/0.26	1.92	3.54	9.52	2	9.5	130	24.7	
					3	10.1	165	21.4	
					4	11.0	205	19.3	
12 (3.5mm ²)	65/0.26	2.42	4.04	6.15	2	10.5	170	32.3	
					3	11.1	215	27.8	
					4	12.2	265	25.2	
10 (5.5mm ²)	104/0.26	3.07	4.69	3.80	2	11.8	225	43.1	
					3	12.5	295	37.3	
					4	13.7	370	33.7	

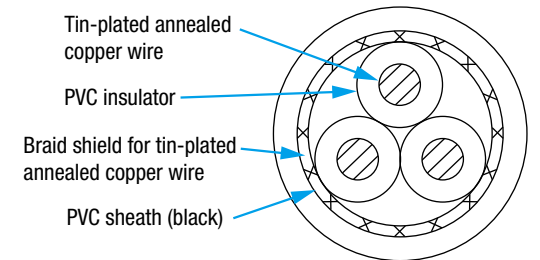
*The allowable current in the table above is of a value at ambient temperature of 40°C for single line wiring in air.

Cable rated for 600 V **UL2586-SB TEW, UL2586 TEW**

Conformity standard **UL 758**

Characteristics

- Rating temperature: 105°C
- Withstand voltage: 2,000 VAC/5 min
- Rating voltage: 600 V
- Min. insulating resistance (at 20°C): 10 MΩ·km



UL2586-SB TEW

Conductor			Insulator		Max. conductor resistance (at 200°C) (Ω/km)	No. of wire cores	Finished outer diameter (mm)	Approx. mass (kg/km)	Allowable current (A)
AWG size	Configuration (No./No./mm)	Outer diameter (mm)	Standard thickness (mm)	Outer diameter (mm)					
22 (0.3mm ²)	17/0.16	0.76	0.81	2.38	59.3	2	7.2	65	10.5
						3	7.6	75	9.1
						4	8.2	90	8.2
20 (0.5mm ²)	26/0.16	0.94		2.56	38.4	2	7.6	70	13.4
						3	8.0	85	11.7
						4	8.6	100	10.5
18 (0.75mm ²)	43/0.16	1.21		2.83	23.8	2	8.1	85	17.7
						3	8.6	100	15.4
						4	9.3	125	13.8
16 (1.25mm ²)	54/0.18	1.53		3.15	14.9	2	8.7	100	23.2
			3			9.2	125	20.1	
			4			10.1	155	18.2	
14 (2mm ²)	41/0.26	1.92	3.54	9.52	2	9.5	135	30.3	
					3	10.1	160	26.2	
					4	11.0	200	23.7	
12 (3.5mm ²)	65/0.26	2.42	4.04	6.15	2	10.5	165	39.5	
					3	11.2	210	34.2	
					4	12.2	260	30.9	
10 (5.5mm ²)	104/0.26	3.07	4.69	3.80	2	11.8	220	52.9	
					3	12.6	290	45.8	
					4	13.8	350	41.4	

*The allowable current in the table above is of a value at ambient temperature of 40°C for single line wiring in air.

*Cables without a shield are 0.6 mm smaller in finished diameter than the above-mentioned values. For approximate mass, contact our salesperson in charge.